

46708 to 46710.

From Bahia, Brazil. Presented by Mr. H. M. Curran. Received October 30, 1918. Quoted notes by Mr. Curran.

46708. *SYAGRUS CORONATA* (Mart.) Becc. Phœnicaceæ. **Palm.**
(*Cocos coronata* Mart.)

"Seeds of *Licori* palm, Jequie, Bahia, Brazil, September, 1918. A small, ornamental palm of dry, cool highlands. It yields edible kernels and oil in immense quantities."

46709. *FEVILLEA* sp. Cucurbitaceæ.

"Seeds of *andiroba* used for soap making; Rio Grungugy, Bahia, Brazil, September, 1918."

46710. *ZEPHYRANTHES* sp. Amaryllidaceæ.

"Jequie, Bahia, September, 1918. Bulbs of an ornamental pink flower, from 12 to 14 inches high. Flowers 4 to 6 inches long, four or five at apex of scape. Wild in dry, cool highlands in good woods mold."

46711. *BERBERIS PRUINOSA* Franch. Berberidaceæ. **Barberry.**

From San Rafael, Calif. Presented by Mr. R. H. Menzies. Received October 31, 1918.

"This barberry is one of the handsomest of the seventy-odd species I have under cultivation. It is the first to flower, the large clear yellow flowers being very showy. The white, powdery berries are borne profusely and are carried through the winter, a few remaining on the plant along with the next season's flowers. While an evergreen in California, it will probably be deciduous in the East; the foliage becomes very handsomely colored in the fall. I know of no barberry that puts on a greater growth almost from the start; my plant throws out new shoots each year all the way from 5 to 6½ feet from the base." (*Menzies.*)

46712. *ARTEMISIA CINA* Berg. Asteraceæ. **Wormseed.**

Grown from S. P. I. No. 42791 at the Plant Introduction Field Station, Chico, Calif. Received November 4, 1918.

Numbered for convenience in recording distribution.

The plant is a low and straggly undershrub, with erect branches, abounding in the deserts of Turkestan, where all the drug *santonica* is collected in July and August by natives. The drug is composed of the dried, unexpanded flower heads and it forms a greenish brown, glossy mass, having a strong, somewhat camphoraceous odor and a bitter taste. It is used as an anthelmintic, especially for roundworms.

For previous introduction, see S. P. I. Nos. 42682 and 42791.

46713. *CHENOPODIUM NUTTALLIAE* Safford. Chenopodiaceæ.
Huauhtzontli.

From City of Mexico, Mexico. Purchased by Mrs. Zelia Nuttall. Received October 31, 1918.

"Seeds of the black variety which the agriculturists of Xochimilco consider the best." (*Mrs. Nuttall.*)

For previous introduction, see S. P. I. No. 46632.